

U.S. Pat. Appl. Serial No. 10/612,216
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This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A non-implantable device insertable through the urethra and into the bladder of a patient for treating urological disorders, comprising: a light source that provides a required therapeutic light to treat said urological disorders, said light source emitting light which is absorbed by red blood cells of blood in-flowing within blood vessels ~~of located in~~ the bladder; and

a light source segment that houses said light source, wherein said light source segment is of a sufficiently small size and configuration so that it can be inserted through the urethra and into the bladder of the patient.

2. (Original) The non-implantable device of claim 1 wherein said light source is a tungsten halogen lamp.

3. (Original) The non-implantable device of claim 1 wherein said light source is a coherent light source.

4. (Original) The non-implantable device of claim 1 wherein said light source is pulsed at a pulse timing that varies between a range of approximately 1.0 microsecond to 1.0 millisecond.

5. (Original) The non-implantable device of claim 1 wherein said light source is a continuous wave light source.

6. (Original) The non-implantable device of claim 1 wherein said light is a pulsed white light.

7. (Original) The non-implantable device of claim 1 further comprising one or more light attenuating components to modify beam profile and intensity of said light.

8. (Original) The non-implantable device of claim 7 wherein said light attenuating components is selected from the group consisting of filters, gratings, apertures, prisms, knife edges, pin holes and lenses.

9. (Original) The non-implantable device of claim 1 wherein said light source is any light emitting device housed within an integrating sphere.

10. (Currently Amended) A non-implantable device insertable through the urethra and into the bladder of a patient for treating urological disorders, comprising:

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a viewing assembly, wherein said viewing assembly includes an eyepiece, a steering control knob and a light port,

a light source segment housing a light source that provides a required therapeutic light to a target site to treat said urological disorders, said light source emitting light which is absorbed by red blood cells of blood in-flowing within blood vessels of the bladder; and

an elongate portion, said elongate portion having one or more lumen extending along the length of said elongate portion and in communication with said viewing assembly and said light source segment to enable direct visualization and illumination of said target site.

Claims 11-20 (Canceled)